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Notice of Allowability	Application No.	Applicant(s)
	10/654,660	MASAKI ET AL.
	Examiner	Art Unit
	David A. Vanore	2881

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the response filed June 17, 2005.
2. The allowed claim(s) is/are 1 and 2.
3. The drawings filed on 04 September 2003 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
 Paper No./Mail Date 9/4/03
4. Examiner's Comment Regarding Requirement for Deposit
 of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
 Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

Response to Arguments

1. Applicant's arguments, see page 3 of the remarks, filed June 17, 2005, with respect to claims 1-4 have been fully considered and are persuasive.
2. With regards to the Applicant's arguments concerning the consideration of the Specker et al. reference in the IDS of September 4, 2003, after consideration of the remarks and review of chapter 600 of the MPEP, the examiner has considered the Specker et al. reference. An initialed PTO-1449 is attached to this Office action.

Allowable Subject Matter

3. Claims 1-2 are allowed.
4. The following is an examiner's statement of reasons for allowance:
5. The Applicant has cancelled claims 3-4, which remained at issue as of the previous Office action.
6. The reasons for allowance of claims 1-2 previously set forth stand.
7. Therefore, claims 1-2 are allowable over the prior art.
8. Regarding the previously cited but newly considered Specker et al. reference (DE 9102248), the Specker et al. the main reason for allowance over the Specker et al. reference is that two key limitations recited in claim 1 are not taught or suggested in the reference. Firstly, there is no teaching or suggestion towards mounting the coil of Specker et al. on an insulating base. Secondly, there is no teaching or suggestion in Specker et al. that the coil end, opposite the end mounted to the insulating base comprises a discharge point. The Specker et al. device comprises a tapered coil where

an end of the coil at the narrowest part of the taper projects downward along a central coil axis and terminates with a bend. Even if the bent region, illustrated in Fig. 1, were a discharge point, it is not constructed and arranged to be distal from an insulating base.

9. Therefore, claims 1-2 are allowable over Specker et al. taken alone or with the prior art.

10. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

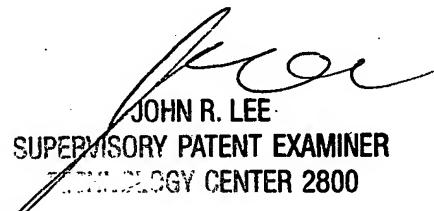
Any inquiry concerning this communication or earlier communications from the examiner should be directed to David A. Vanore whose telephone number is (571) 272-2483. The examiner can normally be reached on M-F 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John R. Lee can be reached on (571) 272-2477. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

dav


JOHN R. LEE
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